Product Datasheet

Velocity V7000 1TB PCIe 4.0 NVMe M.2 SSD



- **Product Code:** CT1000P5PSSD8-OS
- **Product EAN:** 5059902019707
- **Warranty:** 3 Years - Advanced Replacement

Origin Velocity V7000 PCIe 4.0 NVMe M.2 SSD provides gaming and hardware enthusiasts with cutting-edge performance in high capacities, perfect for PC builds and upgrades.

Using the latest Gen 4x4 NVMe controller and 3D TLC NAND, Origin Velocity V7000 offers incredible speeds of up to 7,450/6,750MB/s read/write and up to 953K IOPS for exceptional gaming experience. Dominate the competition with rapid file transfers and lightning fast game and application loading times.

Technical Specifications

Weight & Dimensions

Width:	80 mm
Depth:	22 mm
Height:	2.38 mm
Weight:	7.5 g

Operational Conditions

Operating Temperature (T-T):	0 - 70 °C
Storage Temperature (T-T):	-55 - 85 °C

Packaging Data

Screws Included:	Yes

Other Features

Compliance Certificates:	RoHS

Features

SSD Capacity:	1 TB
SSD Form Factor:	M.2
Interface:	PCI Express 4.0
NVMe:	Yes
Memory Type:	3D TLC
Component For:	PC/Laptop
Hardware Encryption:	No
Data Transfer Rate:	6 Gbit/s

Read Speed:	7475 MB/s
Write Speed:	5503 MB/s
Random Read (4KB):	458120 IOPS
Random Write (4KB):	942512 IOPS
Access Time:	0.2 ms
Seek Time:	0 ms
S.M.A.R.T. Support:	Yes
ECC:	Yes
Mean Time Between Failures (MTBF):	1000000 h
TBW Rating:	400

Origin Storage Limited

2-4 Rutherford Centre, Rutherford Road, Basingstoke, Hampshire, RG24 8PB UK

Tel: +44 (0)1256 351500 | **E-Mail:** sales@originstorage.com | **Web:** www.originstorage.com

Copyright 2025 - Origin Storage Limited | All trademarks are the property of their respective owners, E&OE.